

Holly Griffiths-Jones

PRODUCT DESIGNER

Holly_gj@live.co.uk
07983887970

PROFILE

I am a graduate BA (Hons) Product Designer from the university of Huddersfield. I am a creative and hard working individual and enjoy challenging myself and others with new and interesting problems.

I especially enjoy research and development stages of the design process and enjoy the problem solving aspects of design both physically and using Computer Aided Design softwares.

EDUCATION

Product Design BA (Hons)
Sandwich -
University of Huddersfield
September 2017 - June 2021
Predicted grade - 1st

September 2015 - August 2017
Birkenhead Sixth Form College
3D Art and Design - B
History - C
Biology - C

September 2010 - August 2015
South Wirral High School
11 GCSEs A-C

INTERESTS

Muay Thai Boxing
Reading
Sketching

ACHIEVEMENTS

2018 October - 2019 May
Product Design Society -
Vice President

2018 August - 2019 May
University of Huddersfield Muay
Thai Boxing Society -
Vice President and Treasurer

LINKS

LinkedIn: www.linkedin.com/in/holly-griffiths-jones

Instagram: www.instagram.com/hollygj_designs/

Website: <https://hollygjdesigns.wixsite.com/portfolio>

EXPERIENCE

Global One Pak Ltd - Product Design Assistant
2019 June - 2020 July

Global One-Pak is a global supplier of lotion pumps and sprayers within the toiletry industry. As there were only five people in the office, I was an integral member of the team.

In this role I worked closely with the directors to design and develop concepts for trigger sprays. Other responsibilities included communicating with clients through email and communication with other staff to create specifications for products. Sample handling was also a key responsibility, as I sorted all of the samples coming in from the suppliers along with the samples that were to be sent out to clients. Some of the clients that I worked closely with were Superdrug, Faith In Nature and Linco Care.

University of Huddersfield - ADA Student Ambassador
2018 September - 2019 May

As a student ambassador at the university of Huddersfield, I was one of the first people potential students would talk on their open day, therefore I had a responsibility to be a welcoming yet professional face of the university.

Within this role I was responsible for chaperoning the potential students around the university to the different meetings they have throughout the day. Whilst doing this I would talk about my experiences as a student whilst studying and answer any questions they or their parents had about the course or about the university.

National Citizen Service - 1 to 1 Support Staff
2018 July - Four Weeks

National Citizen Service is a four-week program for young people ages 16-17. The first two weeks are spent on residential and the last two weeks are spent volunteering for the local community.

My role within this job was to support a young person with additional needs throughout the four-week program. I was responsible for ensuring the additional needs were met and that the young person fully understood any tasks that they had to complete. Along with ensuring their general well-being over the four weeks.

SOFTWARE SKILLS



Solidworks



KeyShot



Fusion 360



Excel



Word



3ds Max



Indesign



Photoshop



Premiere Pro

OTHER SKILLS

Time Keeping
CAD Development
Sketch Development
Problem Solving
Customer Service
IT Skills
Manufacturing Process Knowledge
Modelling Development
Idea Generation
Research and Analysis

REFERENCES

Bharat Mistry
Director at Global One-Pak Ltd
bm@gop.co.uk
07931 760477

Caterina Benincasa-Sharman
Senior Lecturer - University of Huddersfield
c.a.benincasa@hud.ac.uk
01484 473207

Holly Griffiths-Jones

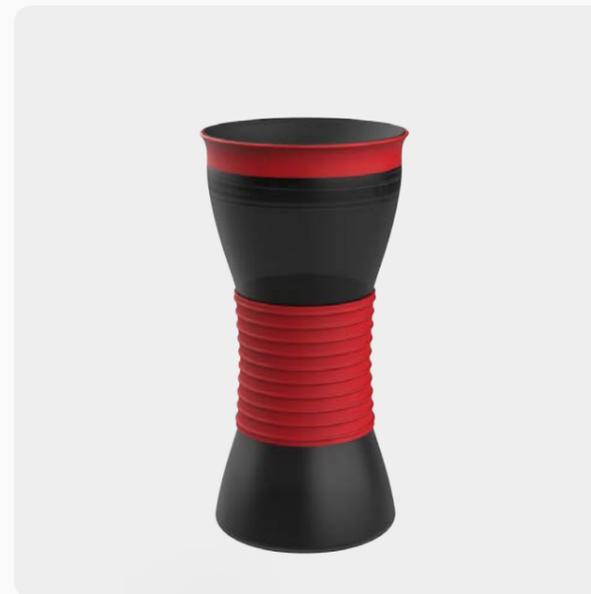
PRODUCT DESIGN PORTFOLIO



Final Major Project
3 - 4



Placement Design Work
5 - 6



Other University Projects
7 - 12



Other Projects
13 - 14

Final Major Project

TIPPING KETTLE - FINAL DESIGN



This page looks at my final university project which was a 1.6 litre, tipping, electric kettle called poid. The name poid comes from coombing the words pour and aid.

The target market for poid is wheelchair users and elderly users who may struggle to lift and pour a boiling kettle. When on the base the kettle tips using the interlocking pivot points and enables the user to safely pour water into a cup. The lever style handle removes the need to lift the kettle when full of boiling water reducing the risk of burn injuries.



Final Major Project

TIPPING KETTLE - RESEARCH AND DEVELOPMENT



This page displays some of the key research and developments that happened through the development of the tipping kettle.

These developments covered the process from the initial concept idea to the final designs. Modelling with card and other mediums was done testing the tipper height and pivot points of the kettle, further cad development finalised the height of the pivots on the kettle. Handles were modelled testing the sizes and comfort when in the users hand.



At least **40%** of wheelchair users have **difficulties** with using a standard kettle.

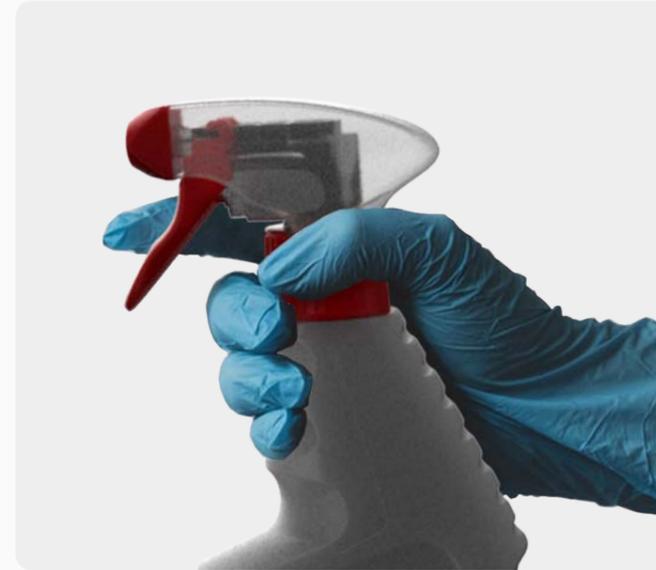
A task analysis found that **pouring the kettle** was the most difficult step of making a hot drink when in a wheelchair.

Research found that kitchen worktops can be **10cm too tall** for wheelchair users to access comfortably.

Over **40%** of wheelchair users have **burned** themselves with boiling water.

Placement Design Work

TRIGGER SPRAY DEVELOPMENTS



This page displays a trigger spray shroud concept that was designed through my placement year.

The brief was to design a trigger spray shroud around existing components sent from the factory. The shroud had to comfortably sit inside of the users hand. The images shows renders of the design along with a 3D printed modelled version of the designs.



Placement Design Work

JAR DEVELOPMENT



This page is a concept of 50 ml jar and matching lid that was designed as a short two week project as part of a design brief for an interview, to design a plastic jar for a high viscosity cream.

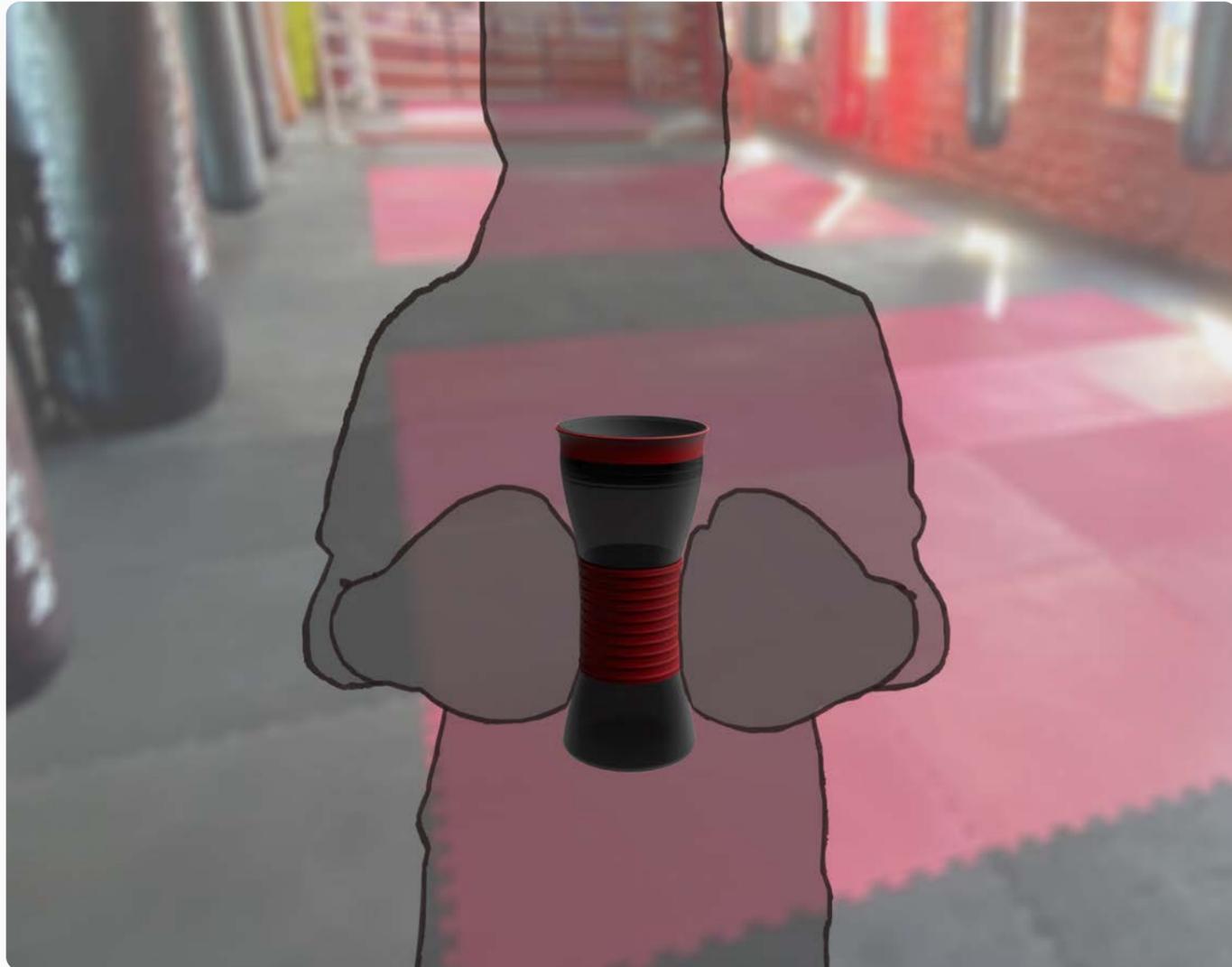
The design is a jar to hold a high viscosity cream. The sides of the jar and lid have matching angles and the overall shape forms a cube. This enables easy storage and stacking when in the shop.

A variety of colours can be used for both the jar and the lid and embossed branding can be added such as a logo.



Other University Projects

WATER BOTTLE



This project was a three month university project looking at solving the issue of how to drink water with boxing gloves on whilst training.

The issue was solved by designing the bottle to be a similar shape to the boxing gloves giving more surface area for the user when picking the bottle up. The lid uses an existing style lid which is non-spill when tipped but will enable the user to drink by placing their mouth on the rim and applying pressure to the silicone top.



Other University Projects

FOLDING ELECTRIC BIKE



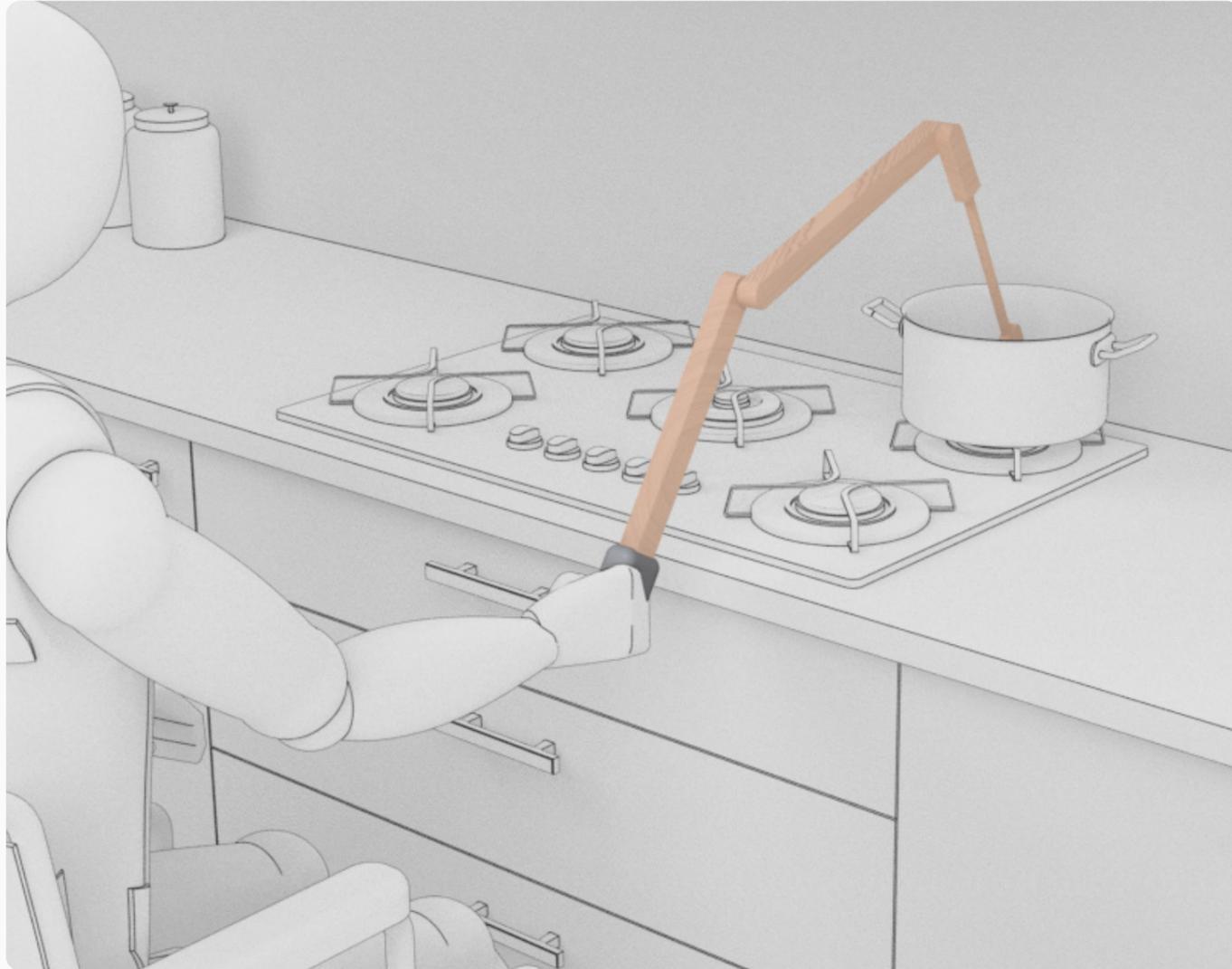
This page is at a second year university project of an electric folding bike. The design has taken inspiration from existing products and used a variety of Computer Aided Design (CAD) programs during the development the design including: Solidworks, Alias and KeyShot.

The bike been designed taking human ergonomics into account for the key dimensions such as the difference between the seat and the pedals and the seat and the handle bars.



Other University Projects

FOLD OUT SPOON / SPATULA



This concept was developed from research carried out for my final major project at university.

This concept is a fold out wooden spoon/spatula set which will allow a wheelchair users to mix pans on the hob from their wheelchair. Research found that due to the lower height of the wheelchair user vs the taller height of the pan on the hob, wheelchair users struggle to mix the pan especially if using the back rings. This spoon ensures that the user doesn't need to lean over the front hobs making it safer and for the user to stir their pan reducing the risk of burn injuries.



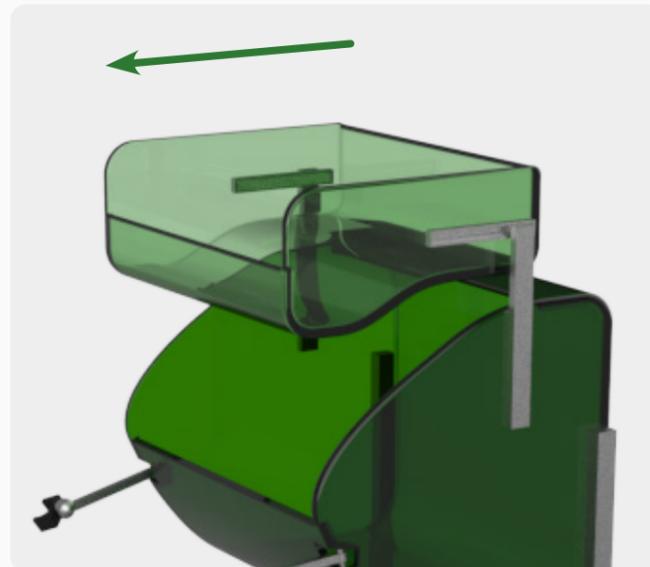
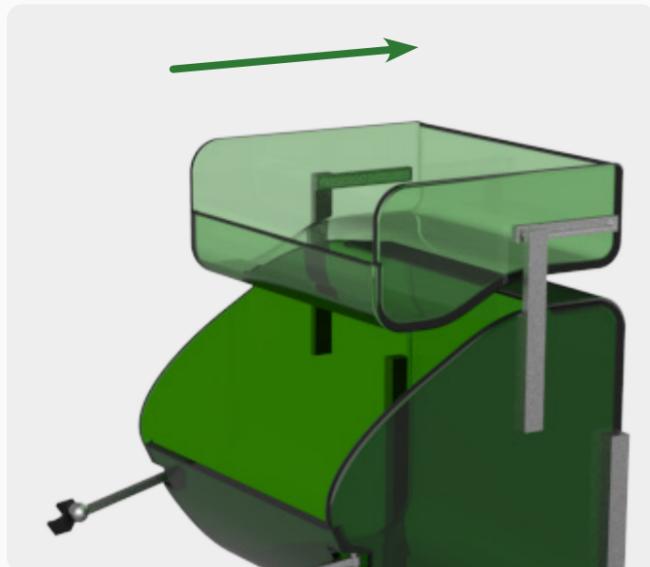
Other University Projects

WHEELCHAIR TROLLEY



This concept was developed from research carried out for my final major project at university.

The concept is a shopping trolley that can attach to the front of most wheelchairs. The trolley consists of a main bottom basket with a pull out shelf for easy access. The use of this trolley ensures that the wheelchair user does not put any pressure onto their legs as they do when using a basket. The capacity of this trolley is larger than standard wheelchair trolleys and the pull out tray ensures that softer objects do not get squished.



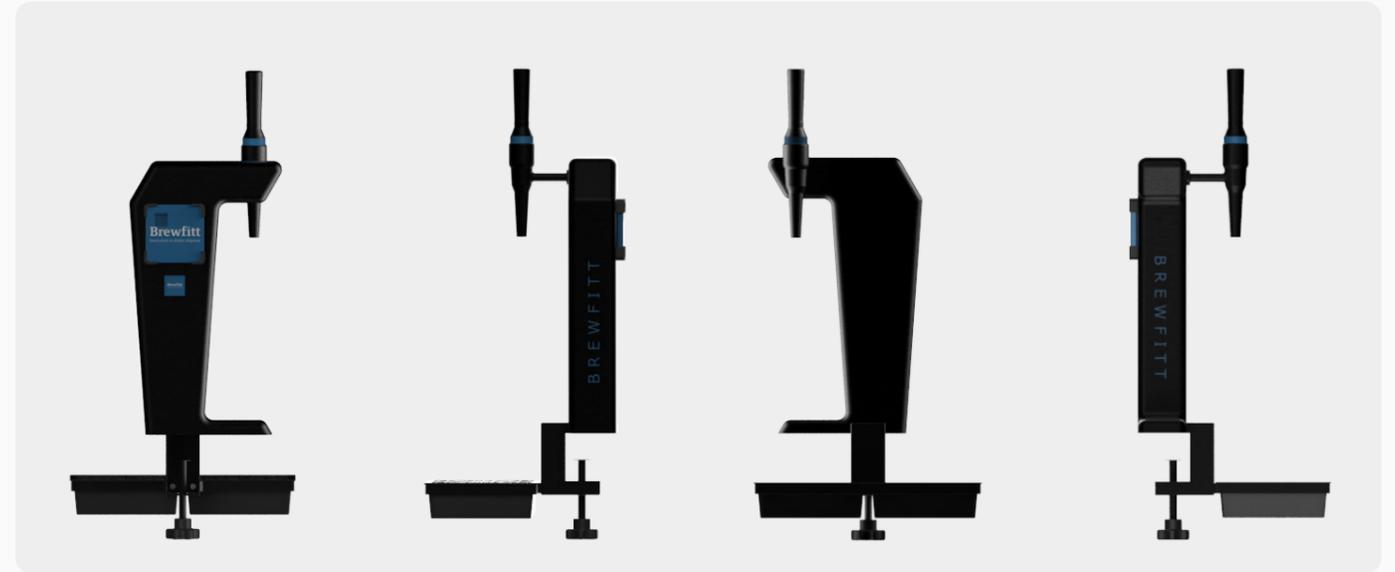
Other University Projects

BAR FONT



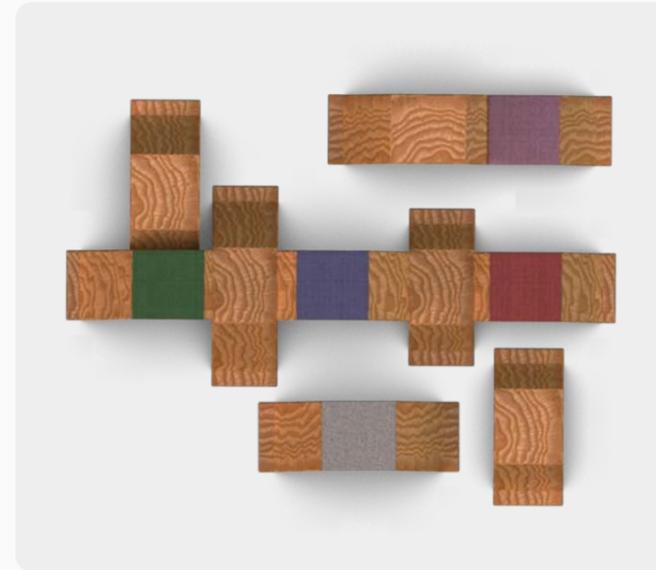
This concept was done as a group project at university for a company called Brewfitt. The brief was to design a bar font that would attract the millennial and gen y generations and enhance their experience at the bar.

The final design concept was a bar font with an interactive puzzle on the front, the idea is to give the user an activity whilst they are waiting for their order to be taken and their drink to be served. The side part on the top allows for the customer to see their drink being poured.



Other University Projects

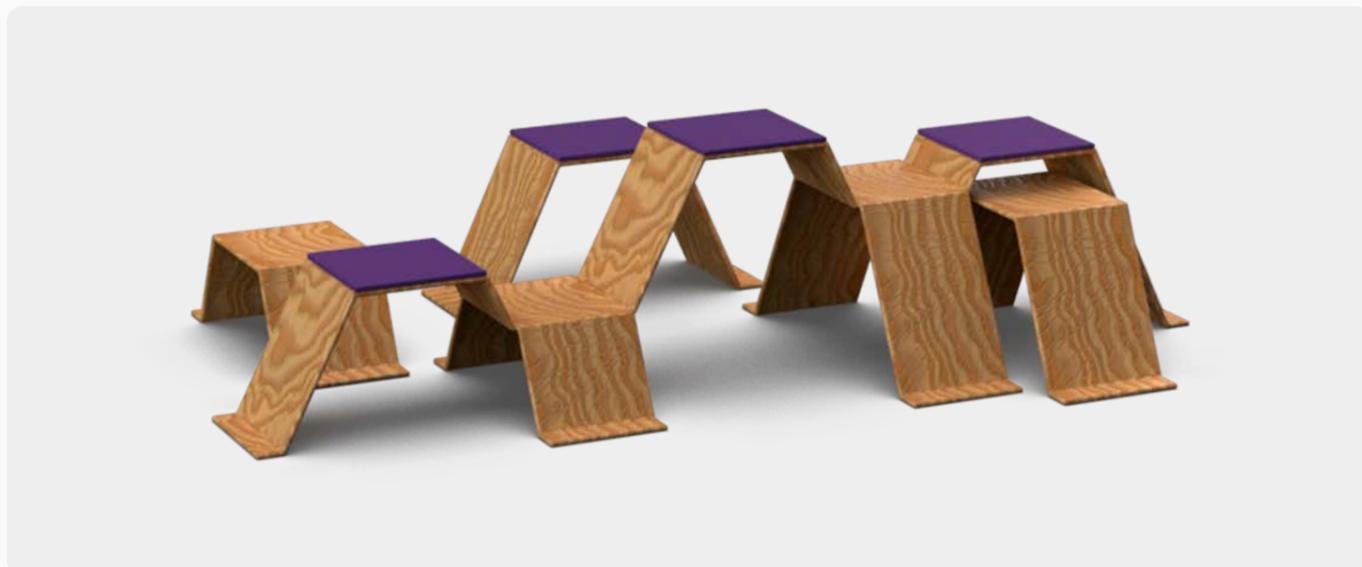
FURNITURE PROJECT



This project was done as a group project for a company called connection. The brief was to design furniture for an agile university environment.

The concept designed is a birch wood bench with different levels, these levels can be customised to have an optional upholstered seat.

The bench also comes with smaller additional benches of various sizes. These benches can be moved and potentially used as a small laptop desk when working.



Other Design Work

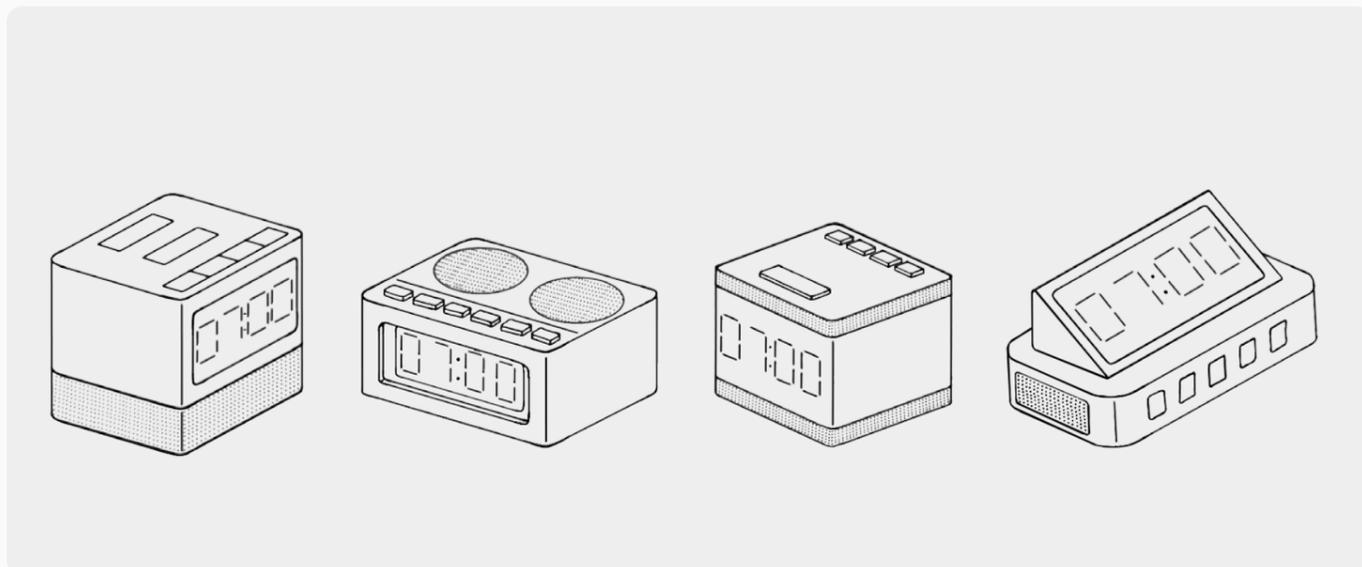
ALARM CLOCK



This project was to design a modern, compact alarm clock radio for a bedside table.

The concept uses buttons on the top to control the clock face, the radio station, volume and brightness. The clock uses batteries and can also be used plugged in.

The clock will be manufactured using injection moulding with split lines along the corners. The casing will be made from ABS plastic whilst the buttons will be made from stainless steel and the feet made from rubber.



Other Design Work

MEASURING CYLINDER



This concept was designed as part of a competition brief to design a baking product to solve a small recurrent problems when baking.

The concept designed is a measuring cylinder which enables the user to easily view and convert small measurements without needing to know the conversion number. The cylinder made from SAN with a rubber base. The cylinder displays the different measurements ml, fl ounce, cups and spoons enabling a easy method of measuring up to 110 ml.

